

YEAR 6 HOME LEARNING GRID – SPRING TERM 2020

Our topics are Extreme Earth and What the Romans Did for Us! We have made the tasks as cross-curricular as possible. The grid has been devised so that you can select and complete the tasks that appeal to you most. During the Spring term, you need to complete a Literacy or Maths task weekly. **Within these tasks you will see SPAG.com and MyMaths tasks included.** In addition one piece of topic or Science work will be expected each week. This term we have included some suggested daily Maths activities to reinforce key skills. These however do not count as a maths homework task, just ideas to keep the maths brain ticking over. Home Learning books should be returned for marking on a **Monday** and will be given back on a **Wednesday**. Have fun and most importantly enjoy learning!



Literacy	<p>SPAG.com</p> <p>Synonyms and Antonyms Y6 (A)</p> <p><i>Extension task – Synonyms and Antonyms Y6 (B)</i></p>	<p>SPAG.com</p> <p>Semi Colons and Colons Y6 (A)</p> <p><i>Extension task – Semi Colons and Colons Y6 (B)</i></p>	<p>SPAG.com</p> <p>Parenthesis and Commas Y6 (A)</p> <p><i>Extension task – Parenthesis and Commas Y6 (B)</i></p>	<p>SPAG.com</p> <p>Direct Speech and Punctuation- Y6 (A)</p> <p><i>Extension task – Direct Speech and Punctuation - Y6 (B)</i></p>	<p>Write a short story (no more than 1 page) From the perspective of a child who enters Mr Linden's library. What are their initial reactions? What can they see? How do they feel? – using the 5 senses.</p>	<p>Research some events that happened in the year of your birth. Turn them into articles for the front page of a newspaper. (<i>Sample format attached.</i>)</p>	<p>Create your own room for the 'Nowhere Emporium' Write a descriptive piece using a variety of sentence structures, expanded noun phrases and figurative language to describe your room.</p>
Parent Signature							
Teacher signature							
Maths Revision	<p>Please use tutorials before completing the task.</p> <p>MyMaths Task 1</p> <p>Area of Rectangles</p> <p><i>Extension task – Volume of Cuboids</i></p>	<p>Please use tutorials before completing the task.</p> <p>MyMaths Task 2</p> <p>Mean and Mode</p> <p><i>Extension task – Statistics 6 -OW</i></p>	<p>Please use tutorials before completing the task.</p> <p>MyMaths Task 3</p> <p>Angle Sums</p> <p><i>Extension task – Constructing Triangles</i></p>	<p>Please use tutorials before completing the task.</p> <p>MyMaths Task 4</p> <p>Frac, Dec, Perc 1</p> <p><i>Extension task – Frac, Dec, Perc 2</i></p>	<p>Devise your own survey e.g. favourite artist, clothing brands, food etc. Create a frequency table and draw a pie chart to represent results. You will need to use a protractor.</p> <p>Extension Can you find the mean, range, mode and median?</p>	<p>Look at a local bus, cinema or train timetable. Write ten statements about the timetable e.g. the bus takes 14 minutes to get from stop A to stop B.</p> <p>Extension Create 5 questions based on your timetable</p>	<p>Can you find all the square numbers up to 200? What do all the numbers have in common? What patterns do you notice?</p> <p>Extension Find the cubed numbers for numbers 1 -20</p>
Parent Signature							
Teacher signature							
Suggested Daily Maths activities	<p>Have a go at the countdown game below. Can you complete quick calculations? http://www.topmarks.co.uk/Flash.aspx?f=countdowntimerv3</p>	<p>Plan a day out for your family using timetables.</p> <p>For example; a train journey into London or a trip to the cinema.</p>	<p>Investigate 3D shapes around your house. What is each shape called? What properties does each have? Task - Make a net of a 3D shape you find in the home.</p>	<p>Have a go at the Carroll diagram challenge below. Choose your own criteria and then see if you can sort the numbers accurately! http://www.topmarks.co.uk/Flash.aspx?f=carrollv7</p>	<p>Ask a family member to test you on your multiplication facts. Write out 10 groups of multiplication and division families of your choosing.</p>	<p>Cooking – Use the recipe for cookies in the link and adapt this recipe so that you can make 15 cookies instead of 12. https://www.bbcgoodfood.com/recipes/1580654/millies-cookies-recipe</p>	<p>During the weekly shop, round the prices to nearest whole number then estimate the total cost? How close were you?</p>
Parent Signature							
Teacher signature							

Topic	Take time to complete the resilience task outlined on the sheet from Miss Lamb and Miss Sanderson and enter the competition to design an information poster/leaflet about resilience	Research and create an interpretation of a Roman mosaic. Feel free to be creative with your choice of materials.	Draw an accurate map of the British Isles and label 10 major cities and 10 main rivers. Challenge: Can you locate and mark 5 major historical landmarks on your map?	Research a significant historical British landmark. This could be an important building or memorial. Tell us what it represents or why it is so significant to British identity.	Create your own family tree, which shows your ancestry dating back as far as you can. You will need to talk to your parents and grandparents to find out as much information about your family as possible.	Create a fact file about an extreme natural phenomenon, for example: earthquake, tsunami, volcanic eruption. You may want to research where and when this has happened in the past and include key facts about it.	Create your own Roman shield, sword or helmet using materials you have at home. Decorate them and bring them in to show your teacher.
Parent Signature							
Teacher signature							
Science Revision	Investigate different types of trees. How can they be identified? What types of leaves, fruit or flowers do they have? What different tree types can you find in your local area?	Does temperature affect the rate of dissolving? Carry out your own investigation at home to answer this question. (See investigation sheet for guidelines)	Draw and label the parts of a plant (male and female parts). Write explanations for the function of each part.	Draw and label a diagram of the human body. Select 5 main organs and describe their functions in the human body.	Draw a detailed diagram of the water cycle. Explain the process for each stage of the cycle.	For your first piece of Home Learning (15 th -20 th January 2020) we would like you to bake small cakes or biscuits to sell at our bake sale on Monday 20 th January. <i>This could link to the irreversible changes activity.</i> →	Write about 5 irreversible changes when an item has been heated or cooled and will not return to its original form. https://www.bbc.co.uk/bitesize/topics/zcvv4wx/articles/z9brcw
Parent Signature							
Teacher signature							

Included in the homework pack

- Science investigation guidance sheet
- Newspaper Report format.
- Resilience task from Miss Lamb & Miss Sanderson



Family Learning

This is a flexible option. The aim is to provide families with time to take part in something together or to use this as a free pass, so that you could, if needed, take a week off from the home learning grid. You may wish to visit a museum or art gallery as a family. **You may use 1 Family Learning Week per half term.**

Date:	Parent Signature:	Teacher signature:
Date:	Parent Signature:	Teacher signature: